

## TEST REPORT

Applicant: Binatone Electronics International Ltd.  
Floor 23A, 9 Des Voeux Road West,  
Hong Kong.

Number: HK09031618-1

Date: 23 Apr 2009

Sample Description : Corded phone with LCD

Brand name(s) : Binatone

Model(s) : B600

Electrical rating : Powered by PSTN and 2 x 1.5V 'AAA' size Alkaline Battery

Submitted Samples : Two (2)

Date Received : 31 Mar 2009

Date Test Conducted : 01 Apr 2009 to 09 Apr 2009

Test Requested : Test for compliance with EN 60950-1 : 2006

Test Method : EN 60950-1 : 2006

Test Result : See the attached sheets.

Conclusion : The submitted samples Complied with the above safety standards. But the note should be noted.

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Prepared and Checked by:

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Ho Ling, Wilson  
Senior Lead Engineer

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Note:

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1. When determining the test conclusion, the Measurement Uncertainty of test has been considered.
2. TABLE: List of critical component

Object/Part No.	Manufacturer/ Trademark	Type/Model	Technical Data
PCB Material (Tip-ring connected)	Kingboard Laminates (Macao Commercial Offshore) Ltd.	KB-3150	V-0 flammability rating and 130 °C maximum operation temperature
PCB Material (Other)	Kingboard Laminates (Macao Commercial Offshore) Ltd.	-	HB75 or above flammability rating
Plastic Material	Chi Mei Corporation	PA-707(+)	ABS, HB75 flammability rating and 60 °C maximum operation temperature
Surge Arrestor	New Volt Sensitive Electronics Co., Ltd. Guangzhou	DNR7D271K	Varistor voltage: 270V at 1mA

3. According to the standard, instructions and equipment marking related to safety required by the standard should be written in the official language(s) of the country in which the equipment is to be sold. The applicant should ensure that the sample in future production fulfil with the requirements.

- Installation Manual
- Battery Cautionary Label (See Appendix)

4. Telecommunication plug used in the equipment must be complied with local plug and jack connection requirement.
5. The equipment was performed satisfactorily under the TNV-3 level of telecommunication network voltage.

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### Test Results:

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### EN 60950-1 : 2006

<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
1	General	
1.1	Scope	--
1.2	Definitions	--
1.3	General requirements	--
1.4	General conditions for tests	--
1.5	Components	Complied See note 2
1.6	Power interface	Not applicable
1.7	Marking and instructions	Complied See note 3
2	Protection from hazards	
2.1	Protection from electric shock and energy hazards	Complied
2.2	SELV circuits	Not applicable
2.3	TNV circuits	Complied
2.4	Limited current circuits	Not applicable
2.5	Limited power sources	Not applicable
2.6	Provisions for earthing and bonding	Not applicable
2.7	Overcurrent and earth fault protection in primary circuits	Not applicable
2.8	Safety interlocks	Not applicable
2.9	Electrical insulation	Complied
2.10	Clearances, creepage distances and distances through insulation	Complied

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
3	Wiring, connections and supply	
3.1	General	Complied
3.2	Connection to a mains supply	Not applicable
3.3	Wiring terminals for connection of external conductors	Not applicable
3.4	Disconnection from the mains supply	Not applicable
3.5	Interconnection of equipment	Not applicable
4	Physical requirements	
4.1	Stability	Not applicable
4.2	Mechanical strength	Complied
4.3	Design and construction	Complied
4.4	Protection against hazardous moving parts	Not applicable
4.5	Thermal requirements	Complied
4.6	Openings in enclosures	Complied
4.7	Resistance to fire	Complied
5	Electrical requirements and simulated abnormal conditions	
5.1	Touch current and protective conductor current	Not applicable
5.2	Electric strength	Not applicable
5.3	Abnormal operating and fault conditions	Complied

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
6	Connection to telecommunication networks	
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	Complied
6.2	Protection of equipment users from overvoltages on telecommunication networks	Complied
6.3	Protection of the telecommunication wiring system from overheating	Not applicable
7	Connection to cable distribution systems	
7.1	General	Not applicable
7.2	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltage in the equipment	Not applicable
7.3	Protection of equipment users from overvoltages on the cable distribution system	Not applicable
7.4	Insulation between primary circuits and cable distribution systems	Not applicable
Annex A	Tests for resistance to heat and fire	Not applicable
Annex B	Motor tests under abnormal conditions	Not applicable
Annex C	Transformers	Not applicable
Annex D	Measuring instruments for touch-current tests	Not applicable
Annex E	Temperature rise of a winding	Not applicable
Annex F	Measurement of clearances and creepage distances	Not applicable
Annex G	Alternative method for determining minimum clearances	Not applicable
Annex H	Ionizing radiation	Not applicable
Annex J	Table of electrochemical potentials	Not applicable
Annex K	Thermal controls	Not applicable

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**Intertek Testing Services Hong Kong Ltd.**

2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.

Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: [www.hk.intertek-etlsemko.com](http://www.hk.intertek-etlsemko.com)

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
Annex L	Normal load conditions for some types of electrical business equipment	Complied
Annex M	Criteria for telephone ringing signals	Not applicable
Annex N	Impulse test generators	Not applicable
Annex P	Normative references	Not applicable
Annex Q	Voltage dependent resistors (VDRs)	Not applicable
Annex R	Examples of requirements for quality control programmes	Not applicable
Annex S	Procedure for impulse testing	Not applicable
Annex T	Guidance on protection against ingress of water	Not applicable
Annex U	Insulated winding wires for use without interleaved insulation	Not applicable
Annex V	AC power distribution systems	Not applicable
Annex W	Summation of touch currents	Not applicable
Annex X	Maximum heating effect in transformer tests	Not applicable
Annex Y	Ultraviolet light conditioning test	Not applicable
Annex Z	Overvoltage categories	Not applicable
Annex AA	Mandrel test	Not applicable
Annex BB	Changes in the second edition	--
Annex ZA	Normative references to international publications with their corresponding European publications	Not applicable
Annex ZB	Special national conditions	Not applicable
Annex ZC	A-Deviations	Not applicable

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APPENDIX:

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The following information was printed on the label adhered on the sample.



Nameplate Artwork

The following information was printed on the label anear battery compartment.



Battery Caution Marking

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APPENDIX:

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Photo (Top View):



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APPENDIX:

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Photo (Bottom view):



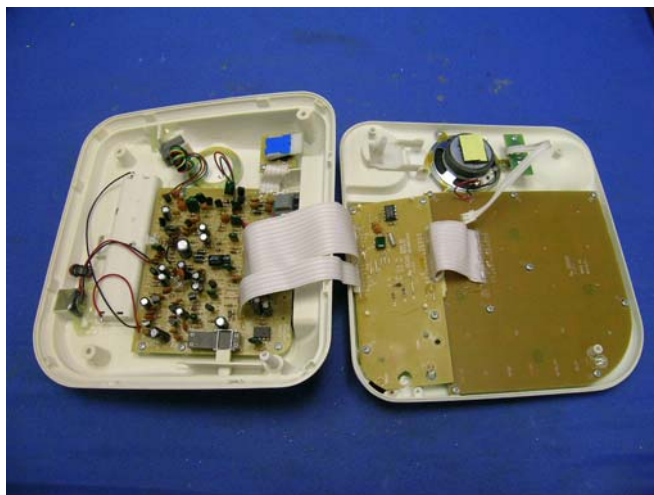
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Photo (Internal view of Base unit):



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Photo (Top view of PCB – Tip Ring connected):

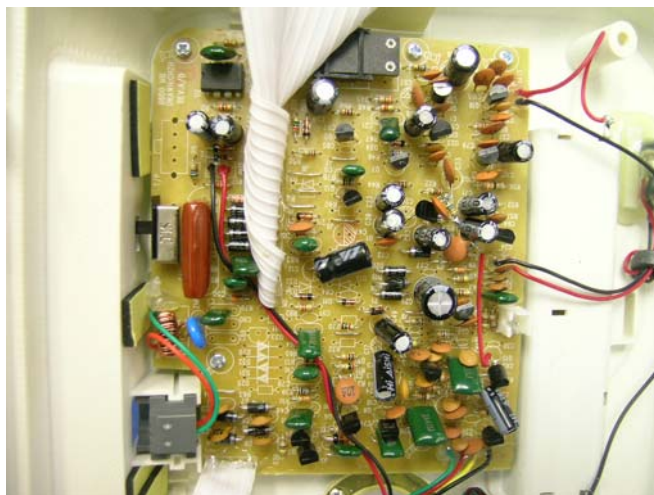
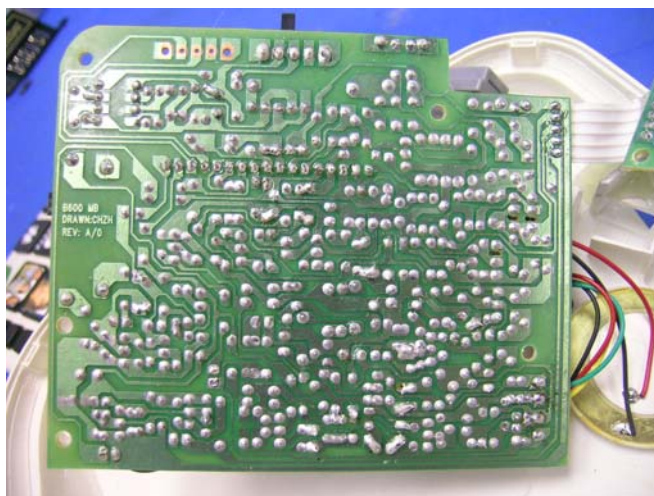


Photo (Bottom view of PCB – Tip Ring connected):



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### APPENDIX:

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Photo (Top view of PCB - Display):

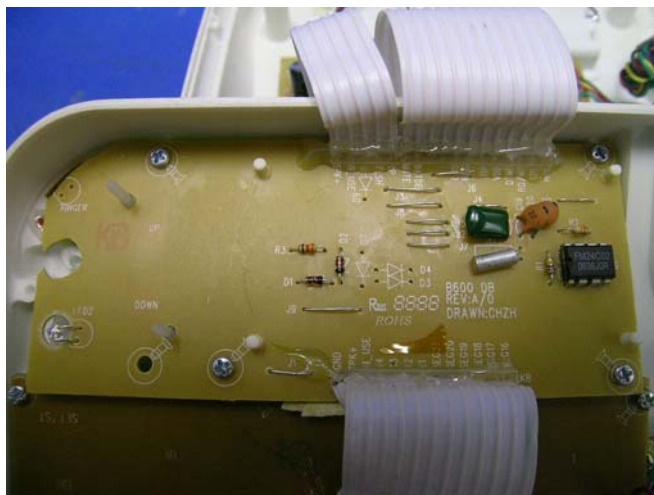
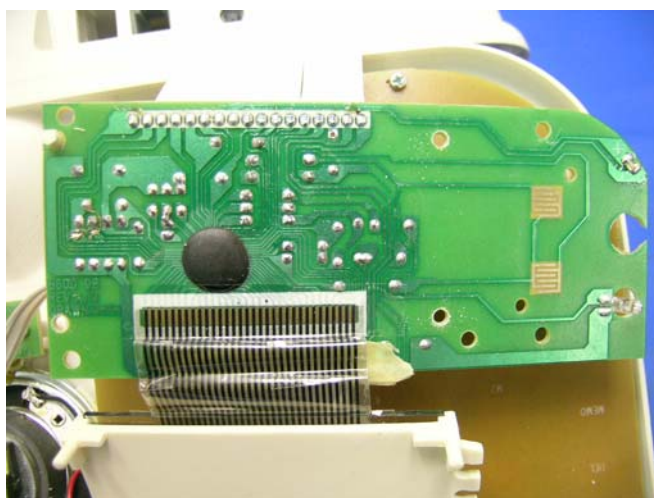


Photo (Bottom view of PCB - Display):



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Photo (Internal view of Handset Unit):



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